

From: [Moya, Ruben](#)
To: [Kirst, Tina](#)
Subject: FW: Arkwood Site - Status Report
Date: Tuesday, April 02, 2013 2:52:09 PM

More for Arkwood
Thank You
Ruben Moya

From: Ruben Moya [mailto:Moya.Ruben@epamail.epa.gov]
Sent: Tuesday, April 02, 2013 2:45 PM
To: Moya, Ruben
Subject: Fw: Arkwood Site - Status Report

----- Forwarded by Ruben Moya/R6/USEPA/US on 04/02/2013 02:44 PM -----

From: Curt <curt@grish.org>
To: Ruben Moya/R6/USEPA/US@EPA
Date: 09/05/2012 08:59 AM
Subject: Re: Arkwood Site - Status Report

Ok, great; Thanks Ruben!
Curt

On Sep 5, 2012, at 5:31, Ruben Moya <Moya.Ruben@epamail.epa.gov> wrote:

Hello Curt,

Sorry for the dates response...I've been out...
I know how you feel and will address this issue as soon as possible...

I'm gonna bring Gloria Moran in on this...need to get her take on this issue...so we can best see how to approach it.

ok?

Ruben

From: "grish.org" <curt@grish.org>
To: Ruben Moya/R6/USEPA/US@EPA
Cc: "grish.org" <curt@grish.org>
Date: 08/24/2012 11:49 AM
Subject: Re: Arkwood Site - Status Report

Hi Ruben, I know you're off; just wanted to write you while it was on my mind.

I have written before to Carlos and Don questioning the integrity of the water data used in McKesson's reports on Arkwood insofar as some of that data was created using a non-accredited lab in Missouri (MMET, Inc of Ozark Missouri, example attached).

I just spoke with Pat Shannon (>20 years at Missouri Department of Health and Senior Services, 573-751-3334) and Lori Dunmire (11 years at Missouri Department of Natural Resources' Environmental Services Program, 573-526-3326). Pat had heard of MMET, Inc (aka Middleton Microbiological & Environmental Testing) and said that lab never received microbiological laboratory certification by his agency during his time there. Lori had never heard of them and said they had not received chemical laboratory certification by her agency.

Would incorrect or unverified lab methodologies or sample handling (e.g. chain of custody) cause those data points to be thrown out and removed from any equation when determining averages, means, or trends in water quality related to Arkwood? Does anyone know what kind of facility MMET had for this work? Google shows the address of record (3889 N 20th St., Ozark, MO 65721 per Missouri Sec. of State) as rural residential (<http://goo.gl/maps/R4YW9>).

Has anyone ever put all the lab reports on water for Arkwood in a pile and checked them off against McKesson's data table, to verify the numbers got copied over correctly in the case of every data point in that table? I would do it myself, but the documents are difficult to dig out and assemble from my collection.

In the examples I have attached, two samples were taken and two different PCP numbers were derived by MMET for McKesson for that date (7/7/08); however, only the larger number was entered into McKesson's data table summarizing results. Is this evidence of a skew that pervaded the reporting?

I have never seen the evidence that the geology at Arkwood is simply "fractured karst," an underlying assumption upon which McKesson built part of its response. Is that geological assumption verified?

Thanks Ruben,

Curt

[attachment "Excerpt - Arkwood - 8-9-2012 - Responses to comments.pdf" deleted by Ruben Moya/R6/USEPA/US] [attachment "M12511_7-7-08 copy.pdf" deleted by Ruben Moya/R6/USEPA/US]

On Aug 23, 2012, at 1:34 PM, Ruben Moya wrote:

Curt,

Hope this helps...

Ruben

From: grish <curt@grish.org>
To: Ruben Moya/R6/USEPA/US@EPA
Cc: Gloria-Small Moran/R6/USEPA/US@EPA
Date: 08/23/2012 10:33 AM
Subject: Re: Arkwood Site - Status Report

Ok, thanks Ruben!
Curt

On Aug 23, 2012, at 6:56 AM, Ruben Moya <Moya.Ruben@epamail.epa.gov> wrote:

Curt,

I am also going to send you some copies of what was sent yesterday to McKesson in terms of shutting down the system and monitoring for a certain period of time...

I will send out today...its a total of three pieces of correspondence.

r,

Ruben

From: grish <curt@grish.org>
To: Gloria-Small Moran/R6/USEPA/US@EPA
Cc: Stephen Tzhone/R6/USEPA/US@EPA, Ruben Moya/R6/USEPA/US@EPA
Date: 08/21/2012 07:19 PM
Subject: Re: Arkwood Site - Status Report

That's great, Gloria; thank you!
Curt

On Aug 21, 2012, at 4:31 PM, Gloria-Small Moran <Moran.Gloria-Small@epamail.epa.gov> wrote:

Mr. Grisham:

Please see my letter below addressed to your father and sent via first class mail providing a status report concerning the Arkwood Inc. site.

Thank you,

Gloria Moran
Assistant Regional Counsel
Superfund Branch (6RC-S)
U.S.EPA, Region 6
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<Letter to Bud Grisham Aug.21.12.pdf>

<GroundwaterRemediationDocument8222012.pdf><2012_08_15_Dye TracerTest_Critical
Review_2012.pdf><Arkwood - 8-9-2012 - Responses to comments.pdf>